

FIG. 1

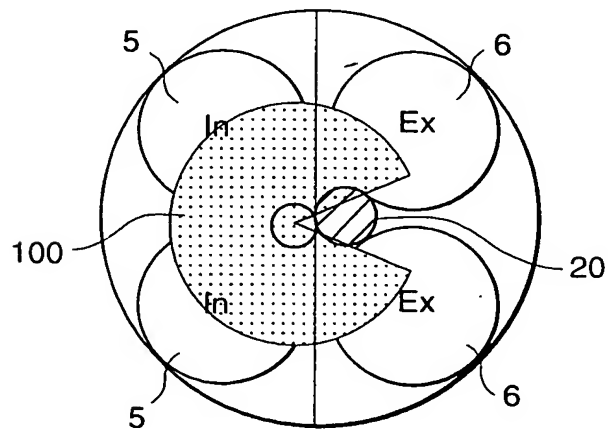
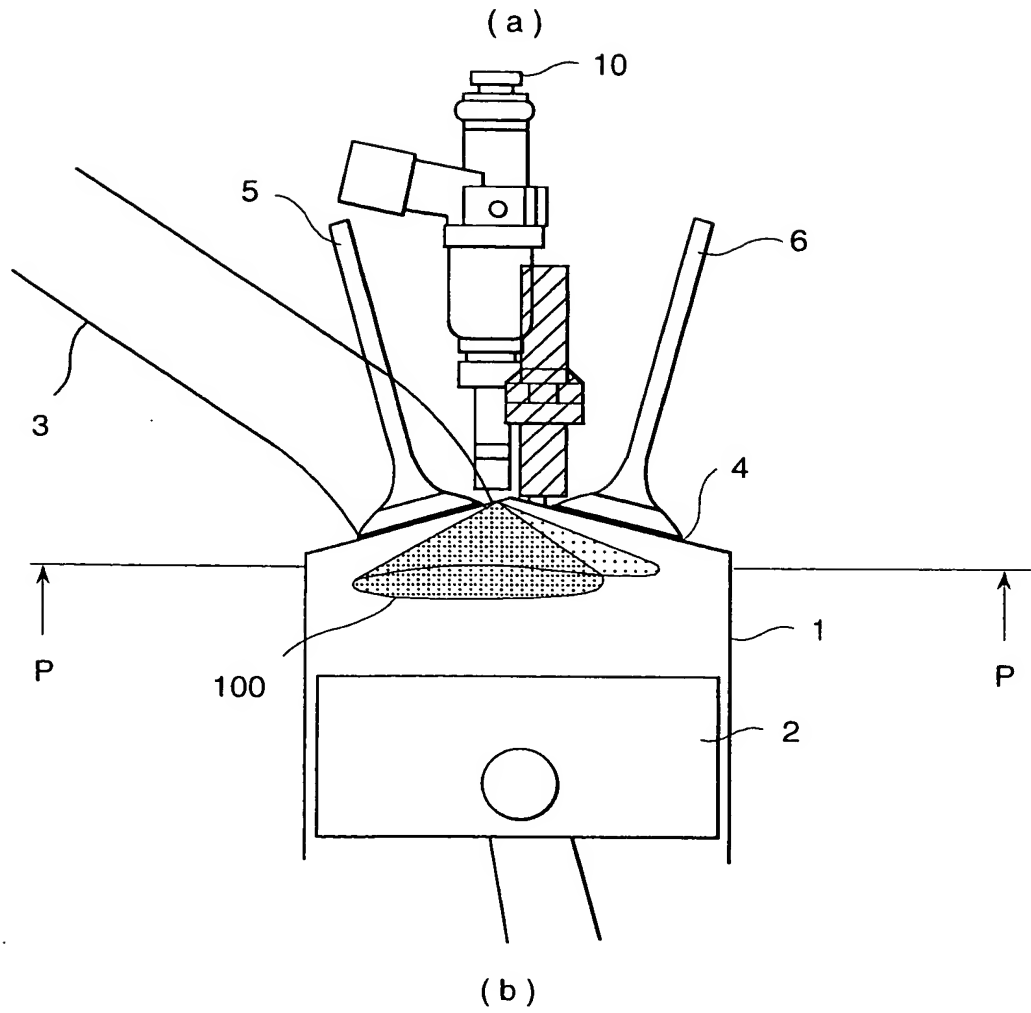


FIG. 2

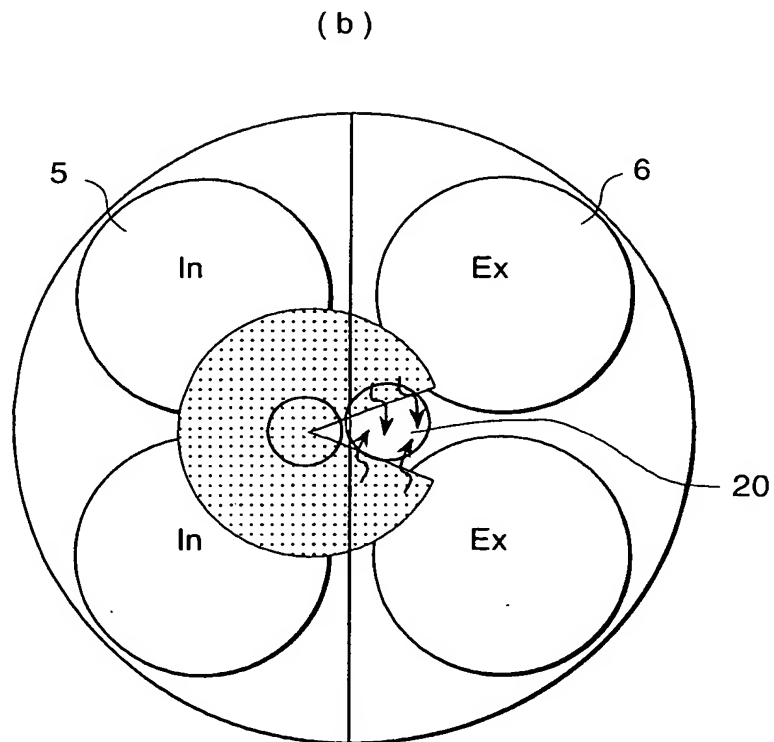
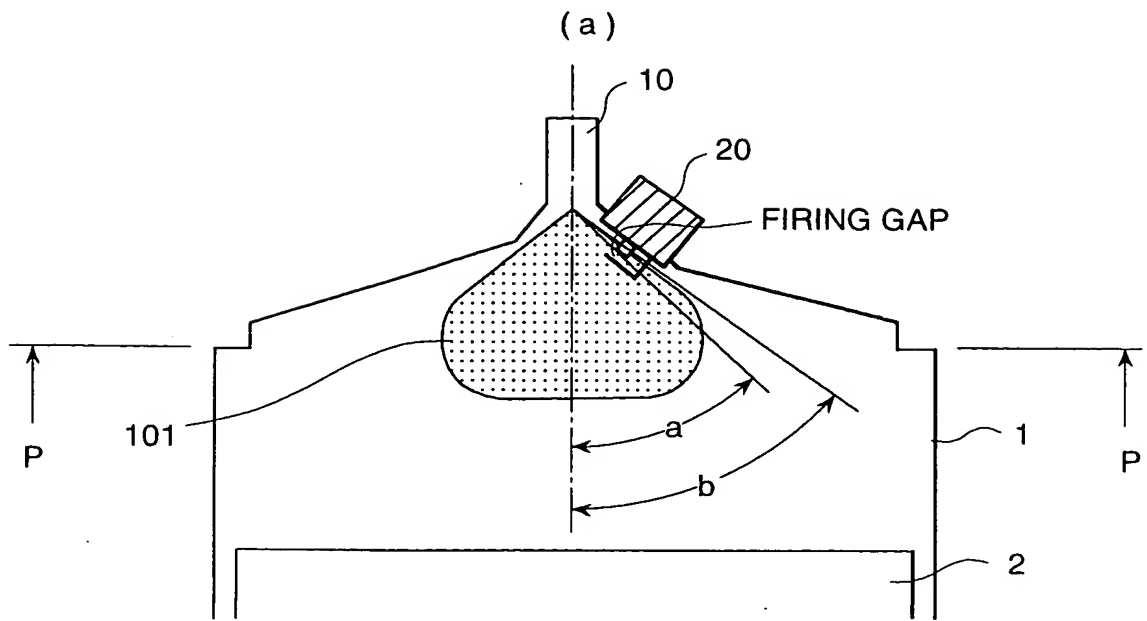
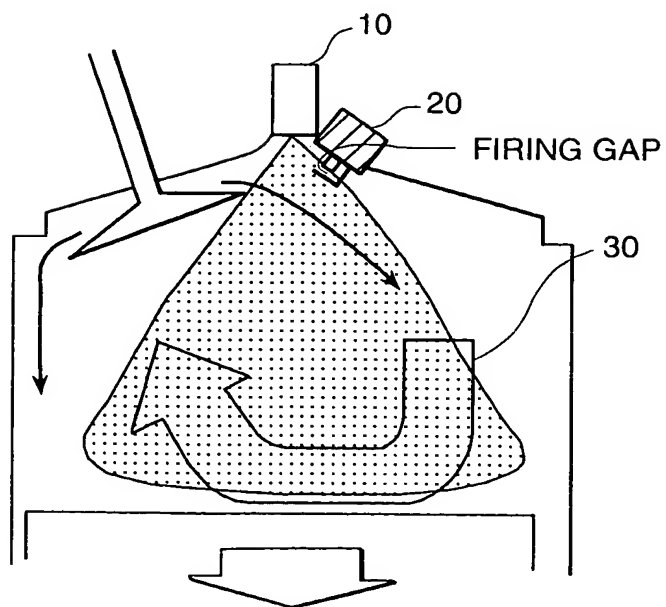


FIG. 3

(a)



(b)

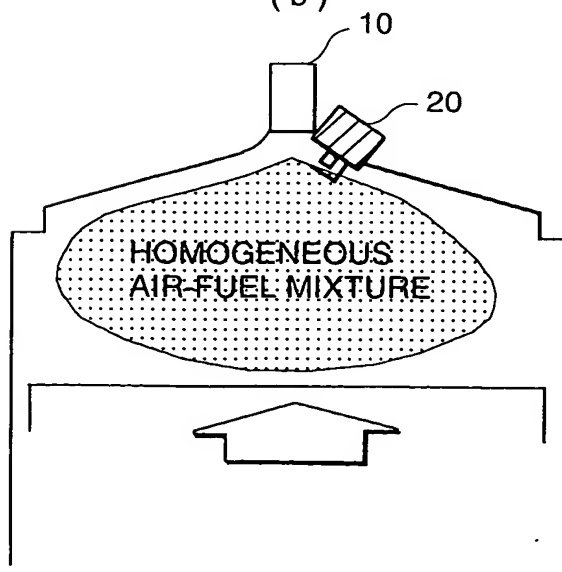


FIG. 4

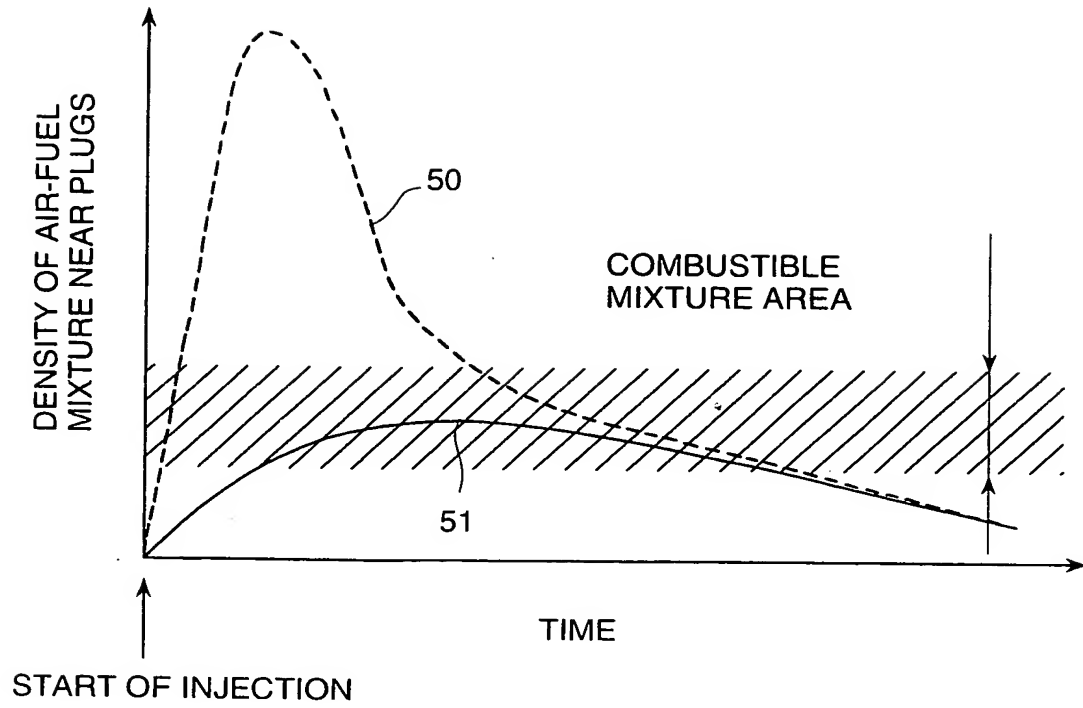


FIG. 5

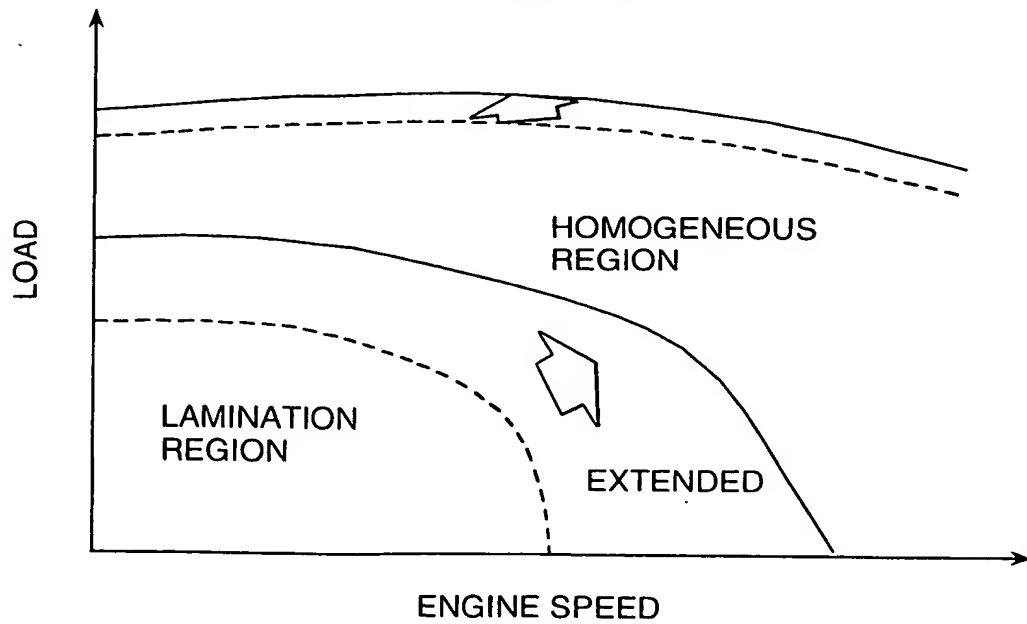


FIG. 6

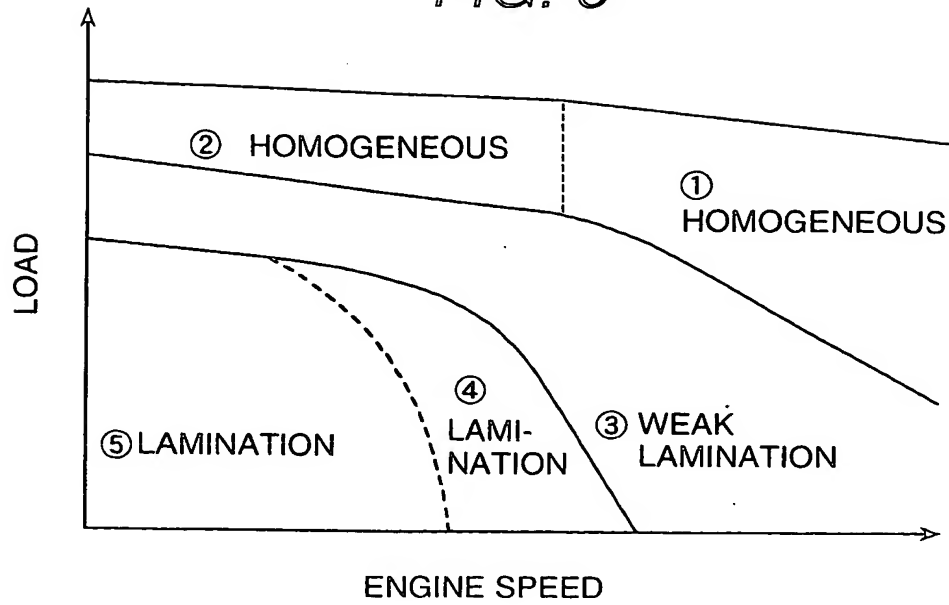


FIG. 7


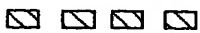



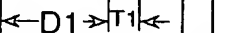
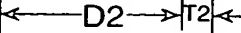




	AIR INTAKE STROKE	COMPRESSION STROKE	EXPANSION STROKE	AIR EXHAUST STROKE
(1)	INJECTION 			
(2)				
(3)	 			
(4)	 			
(5)				
(6)				

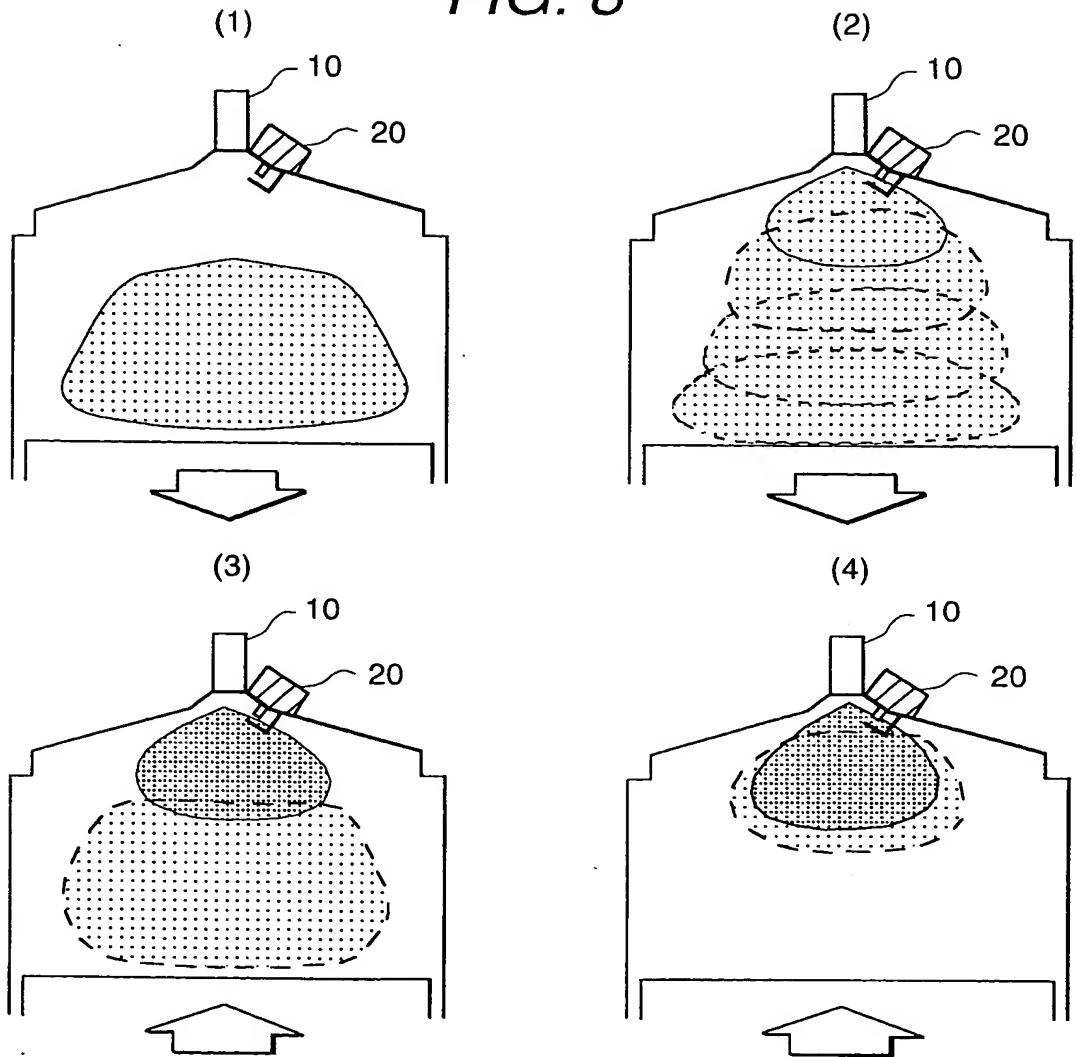
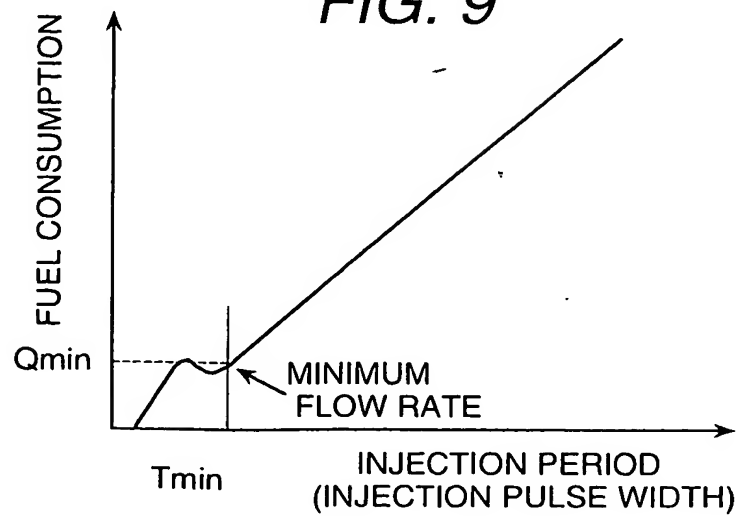
FIG. 8**FIG. 9**

FIG. 10

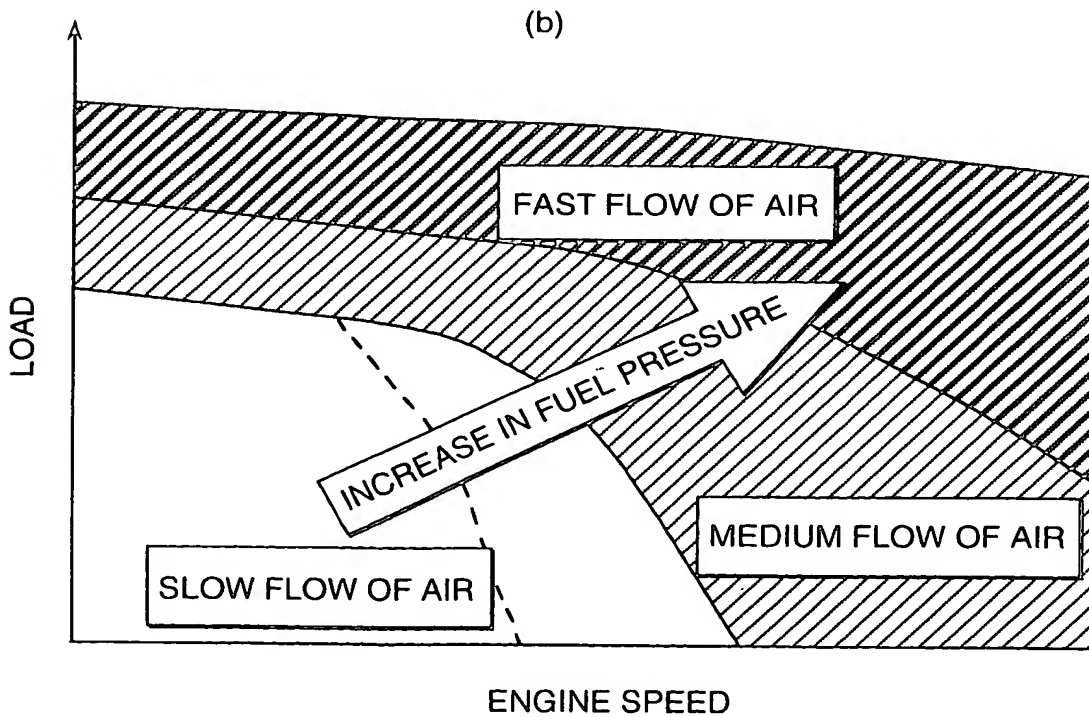
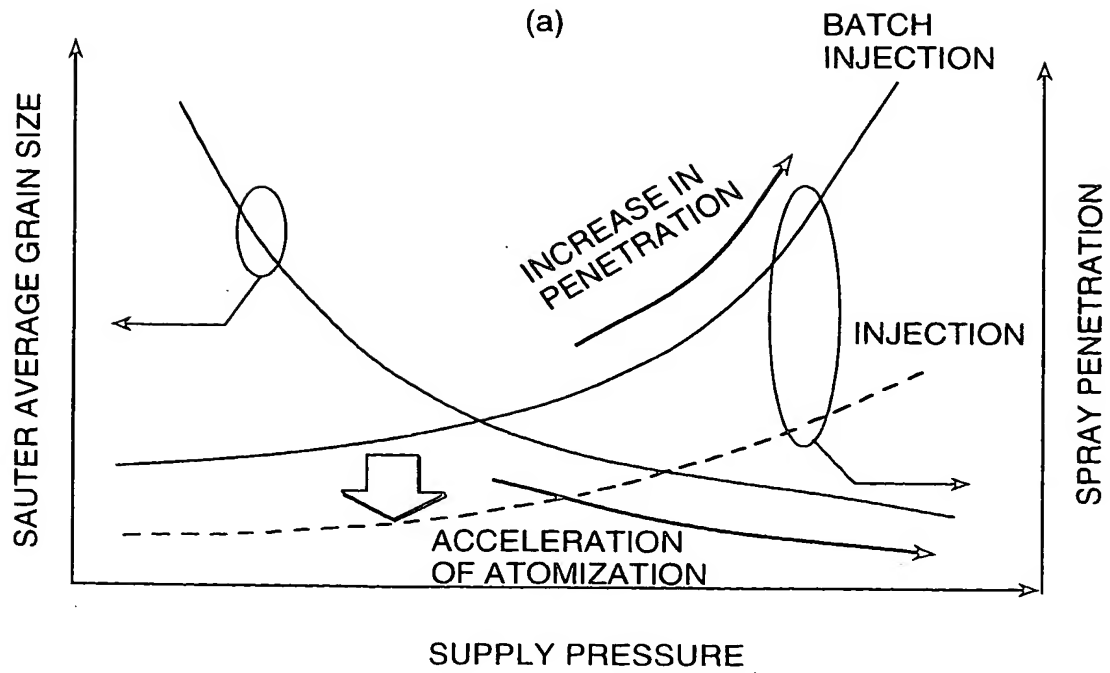


FIG. 11

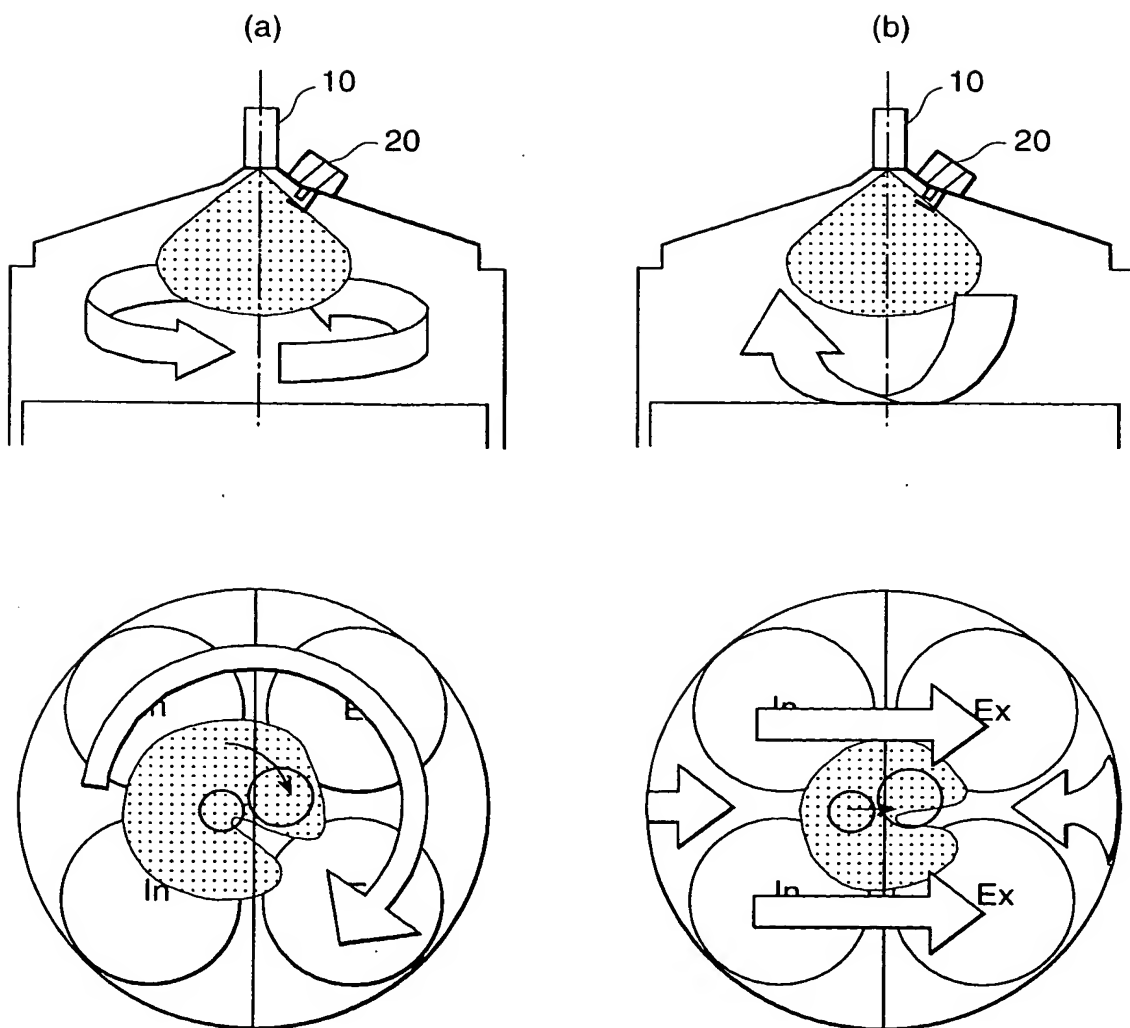


FIG. 12

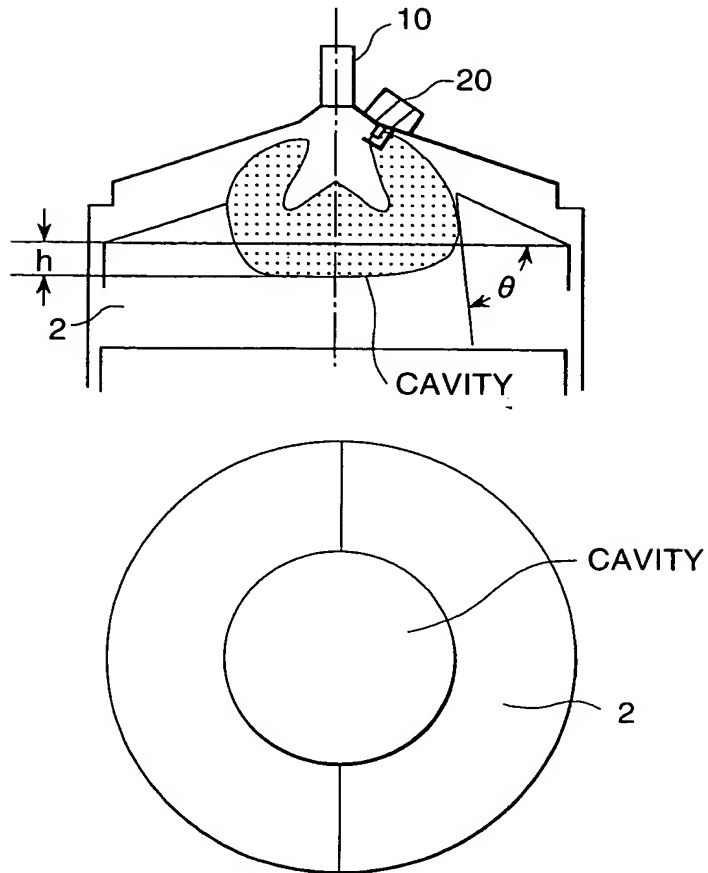


FIG. 13

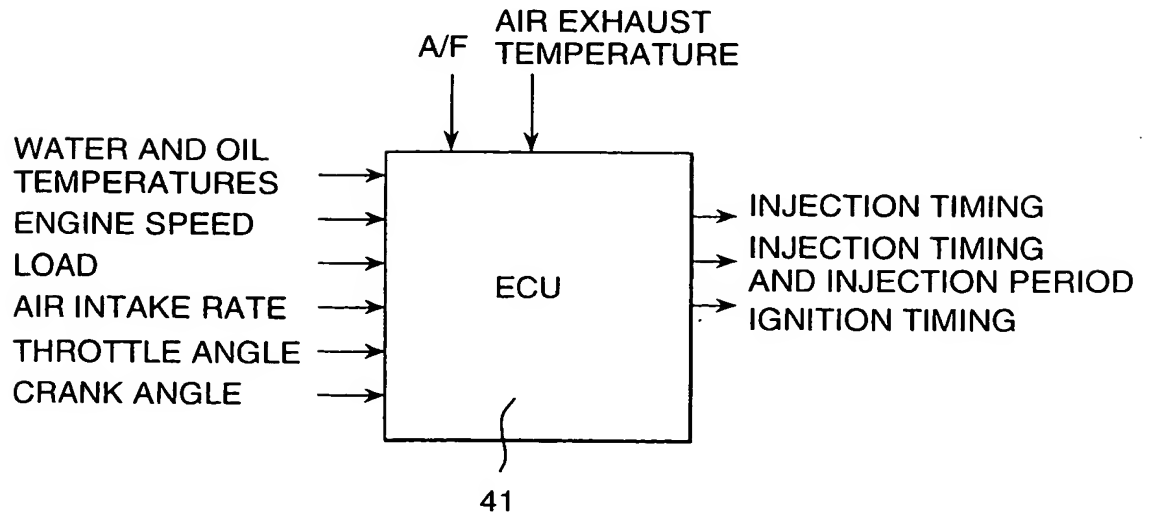


FIG. 14

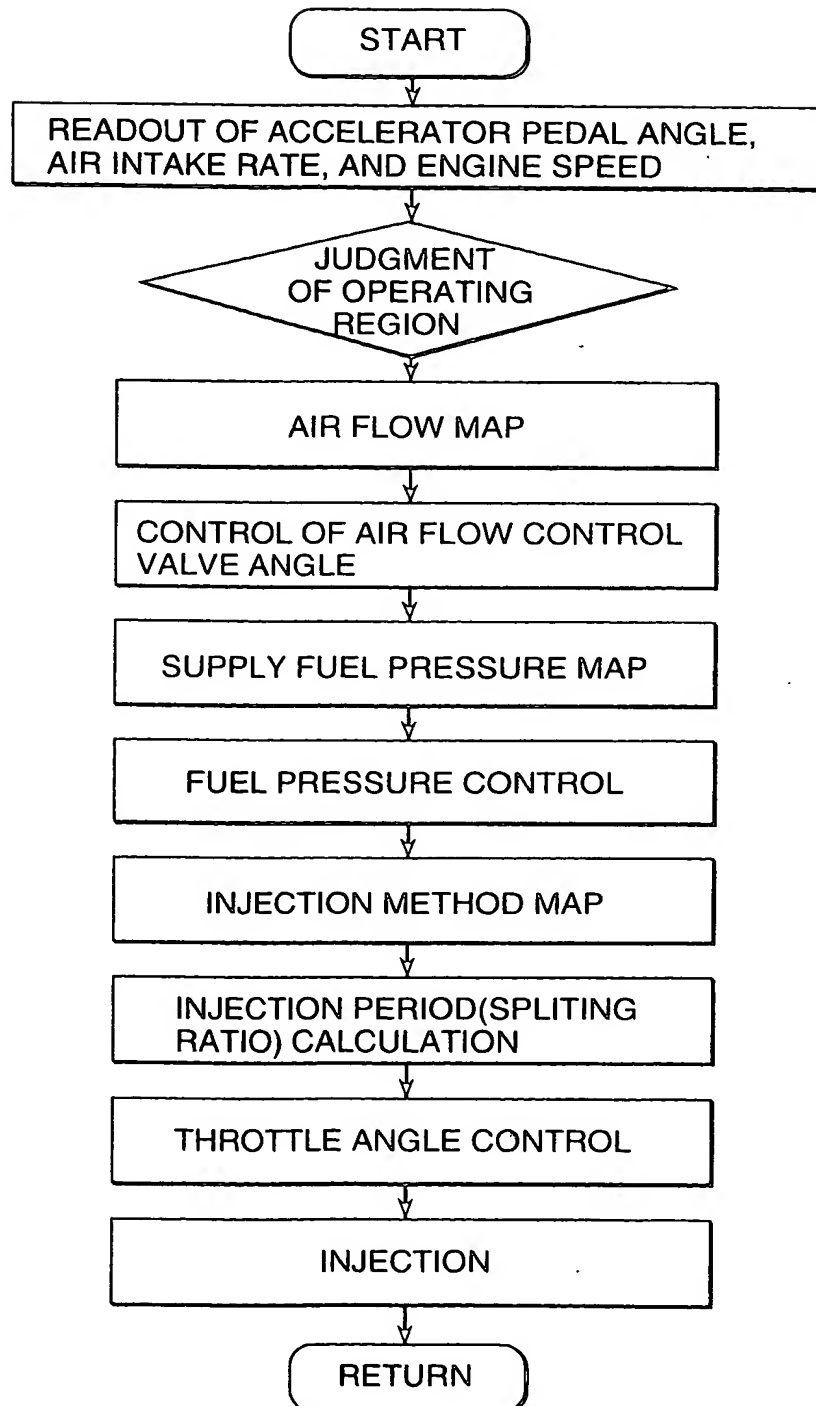


FIG. 15

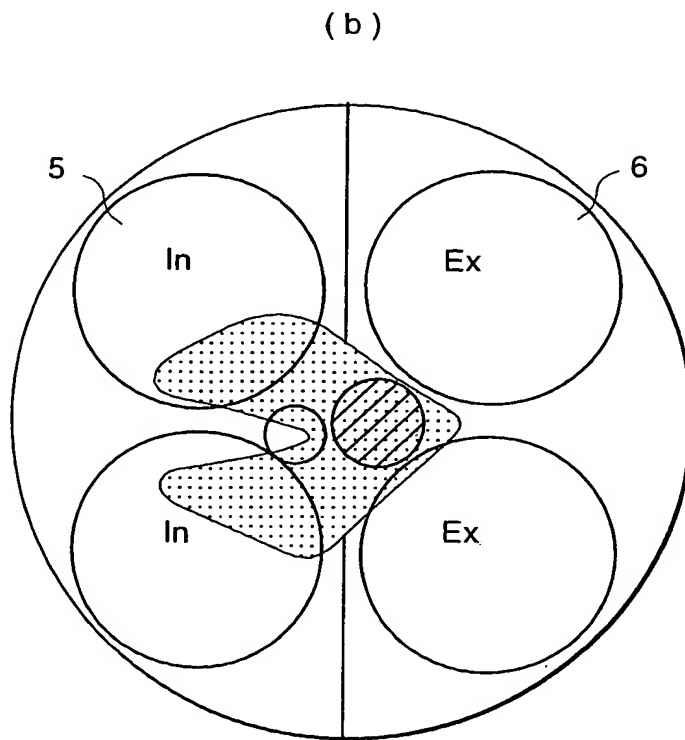
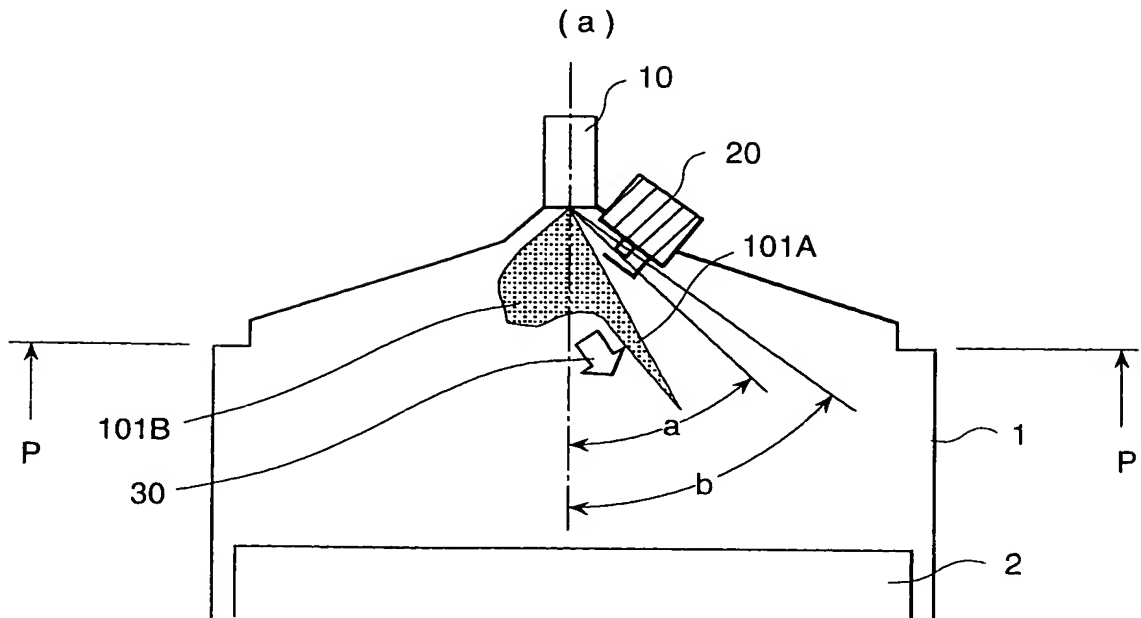


FIG. 16

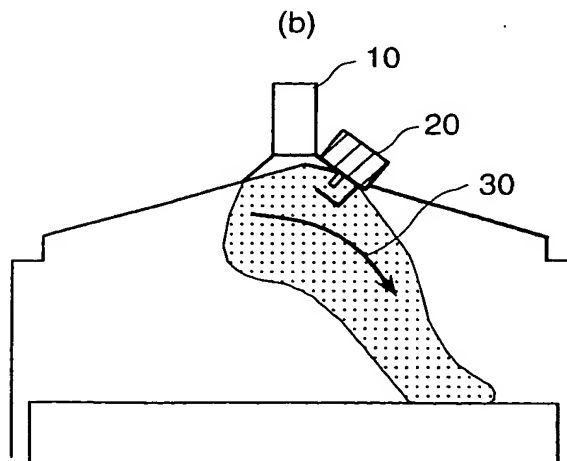
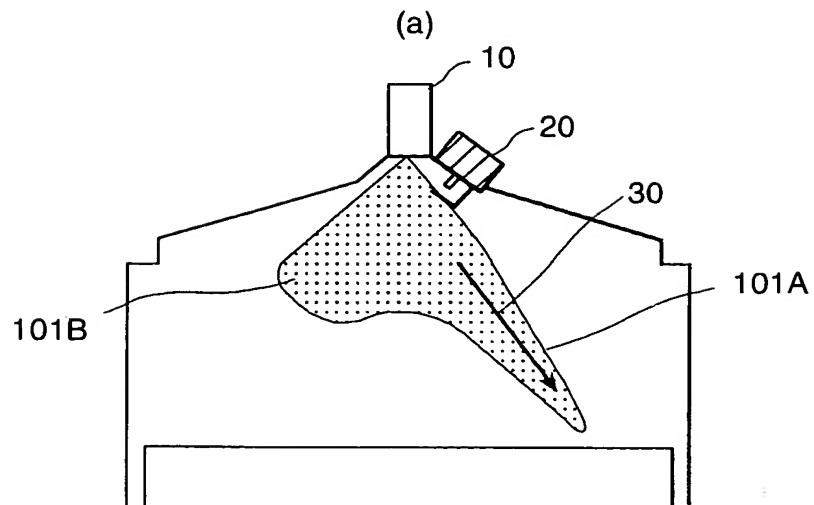


FIG. 17

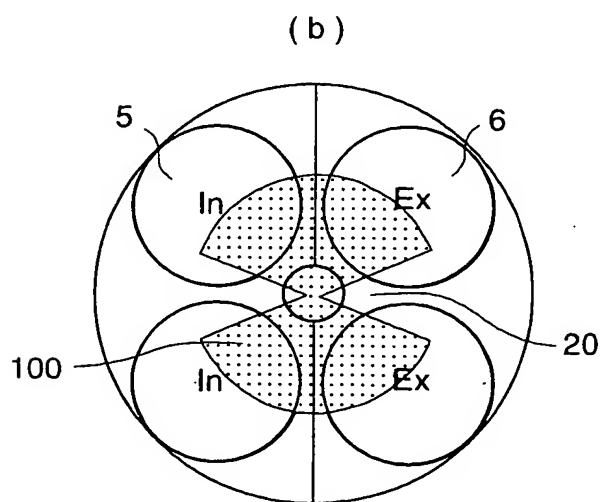
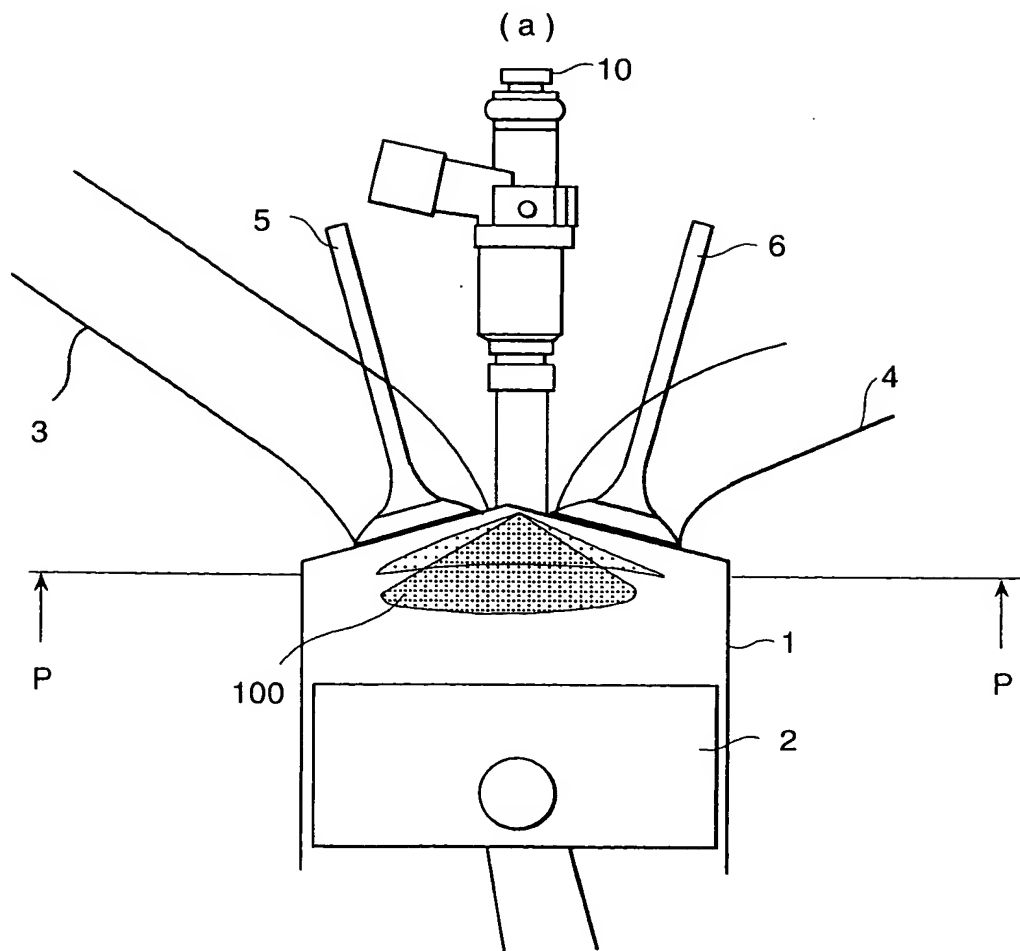
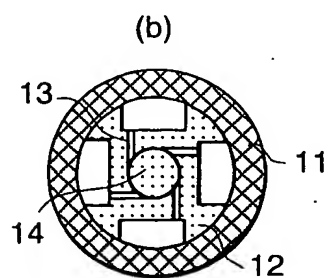
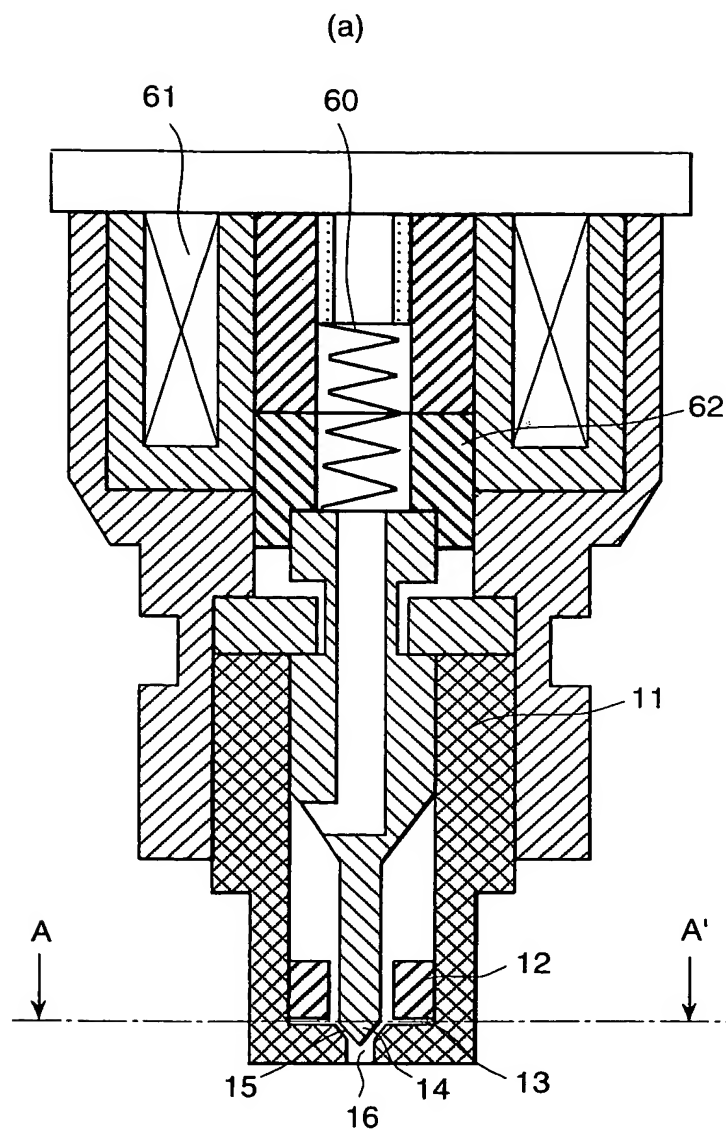


FIG. 18



DETAILED OF CROSS
SECTION A-A'

FIG. 19

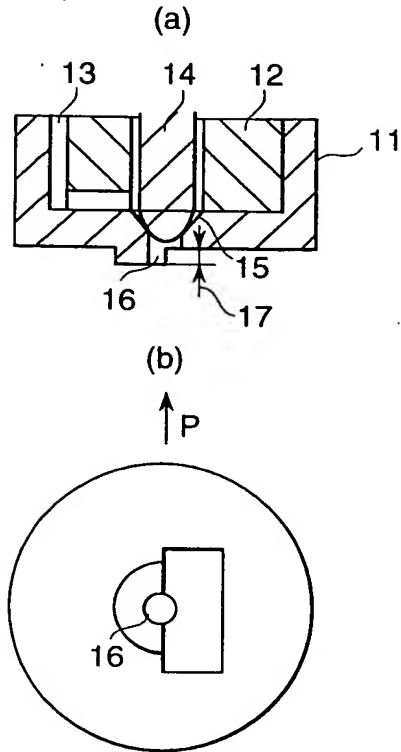


FIG. 20

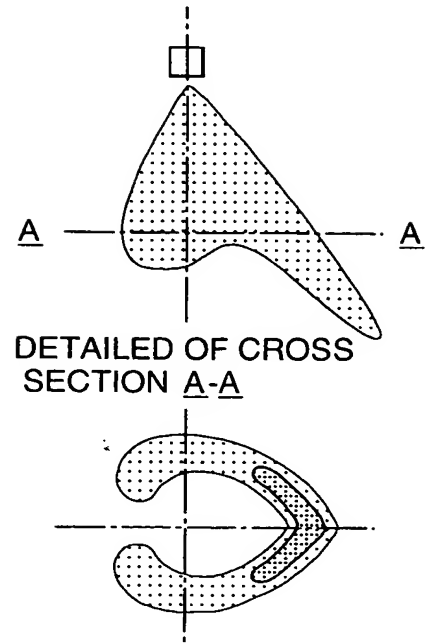


FIG. 21

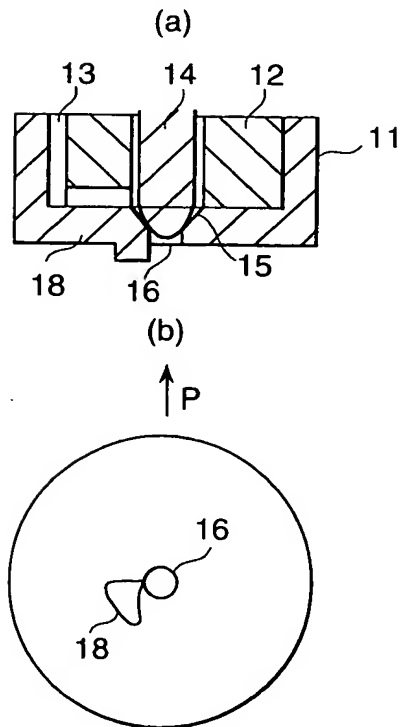


FIG. 22

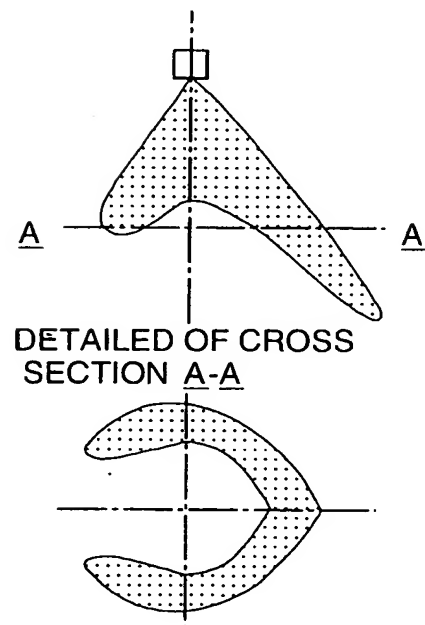


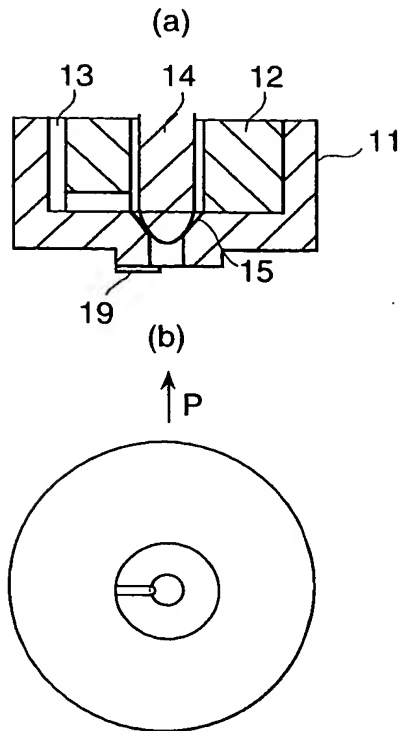
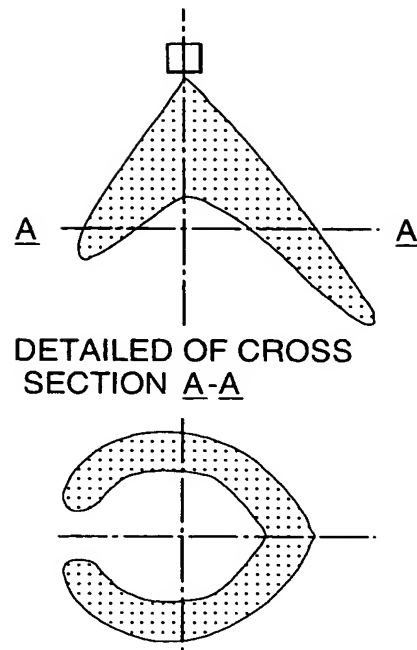
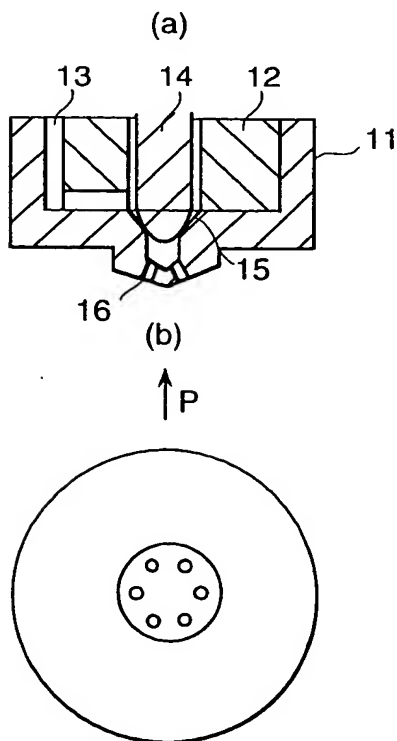
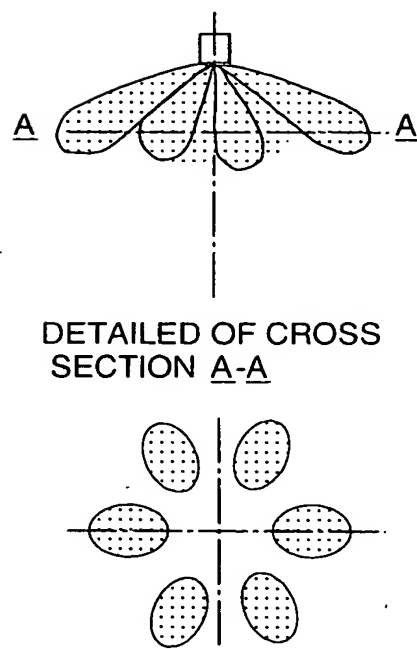
FIG. 23**FIG. 24****FIG. 25****FIG. 26**

FIG. 27

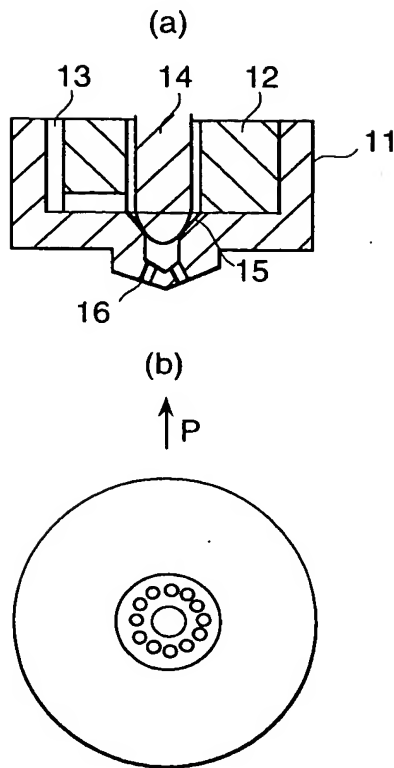


FIG. 28

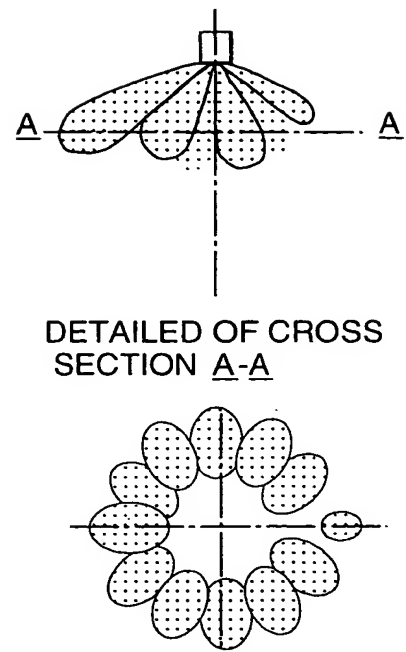


FIG. 29

